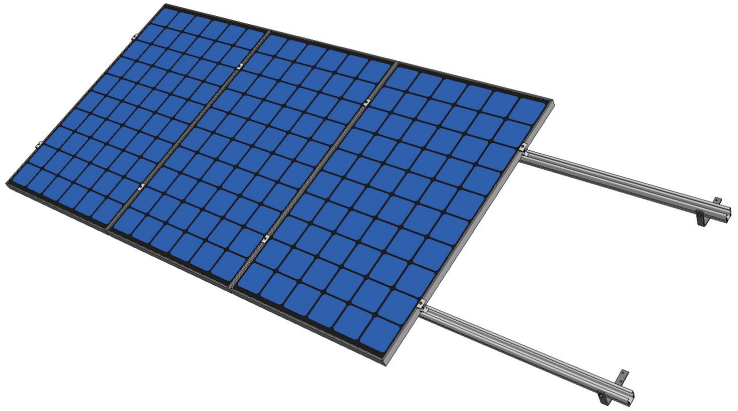
Van der Valk Solar Systems

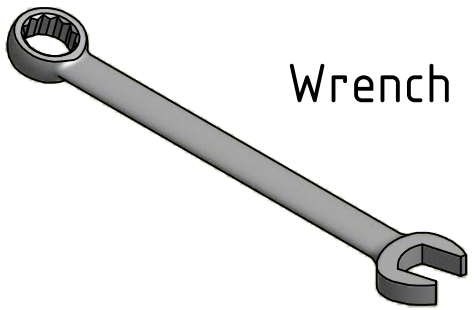
TRACKING AND FIXED SOLAR MOUNTING SYSTEMS

Installation manual
Pitched Roof Clamp System



Version 10

Necessary Tools For
Van der Valk Pitched Roof System - Clamp



Wrench 7,9,10,13,15, and 18

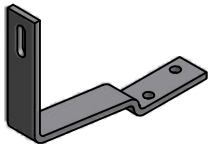
Socket 7,9,10 and 13

Torx bit T30

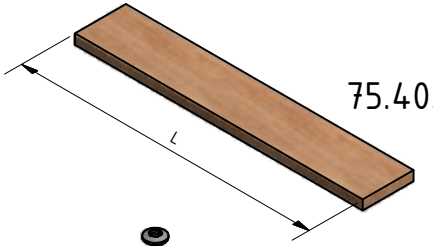
Cordless drill
(for socket 7,9,10 and 13
and Torx bit T30)

Mounting of smartline roofhook

VAN DER VALK SOLAR SYSTEMS



74.78.28

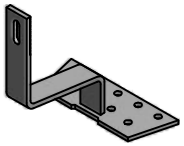


75.40.(L [mm])

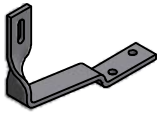
77.38.40

73.90.03
Optional

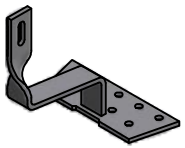
Optional:



74.78.08

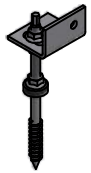


74.78.29
For vertical installation



74.78.09
For vertical installation

M10

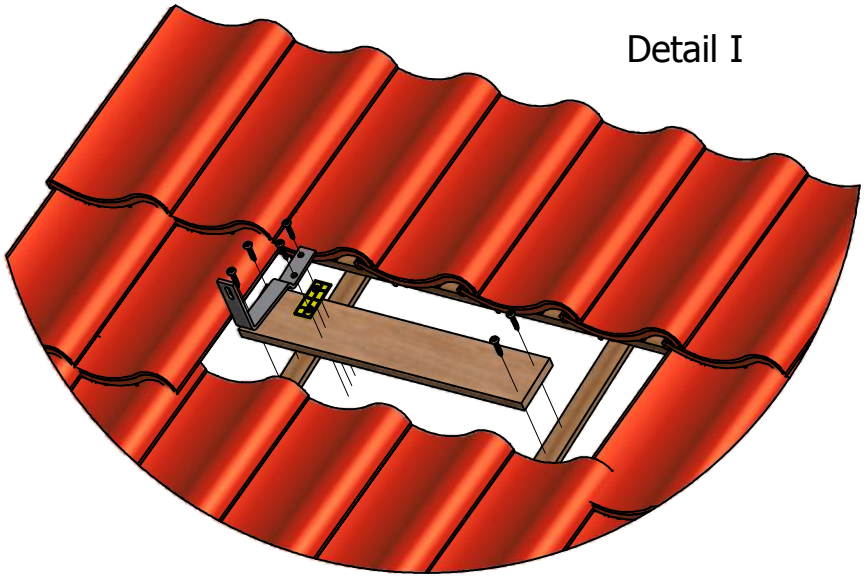


74.78.91
For vertical and horizontal installation

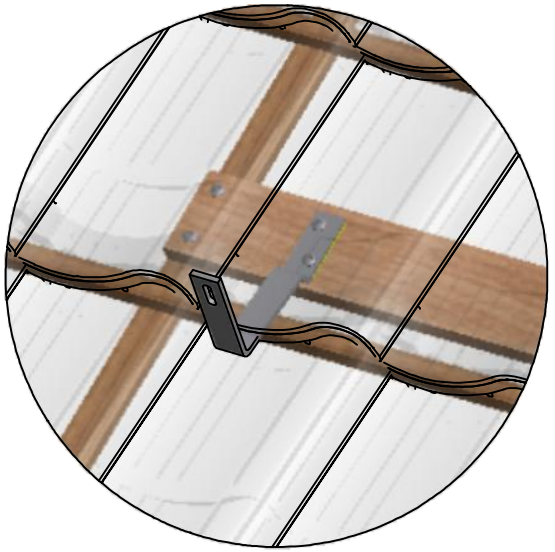
M12

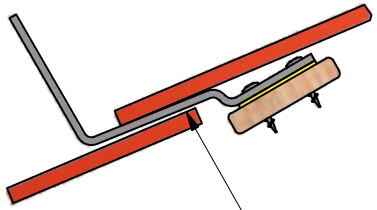
74.78.96
For vertical and horizontal installation

Detail I

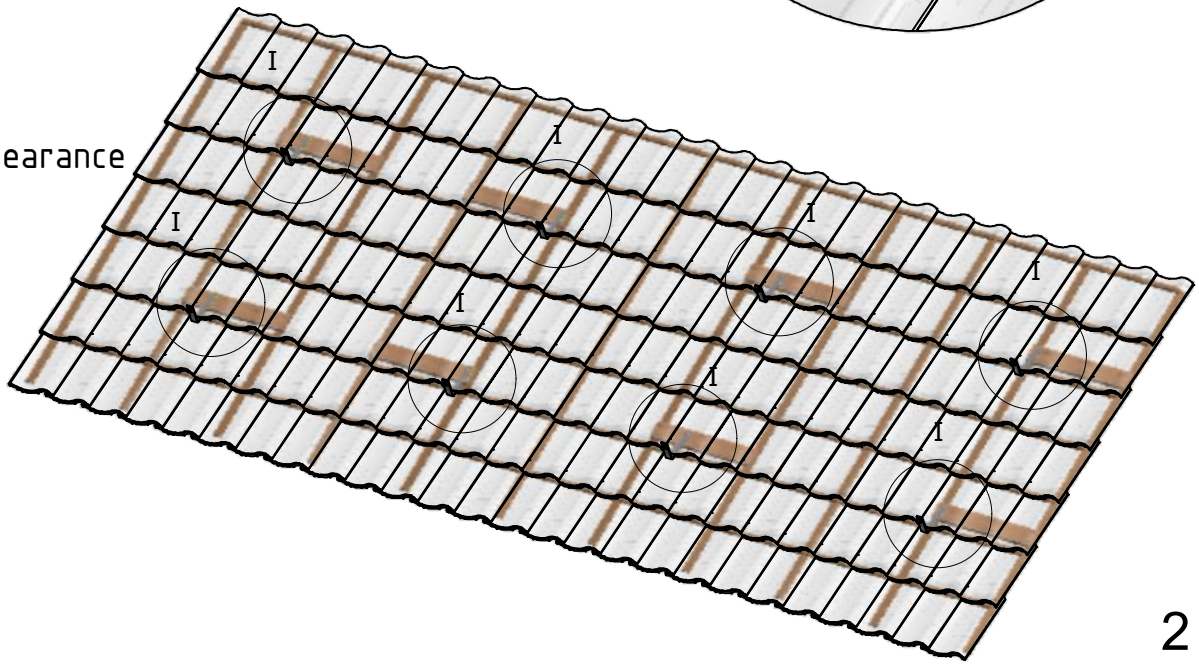


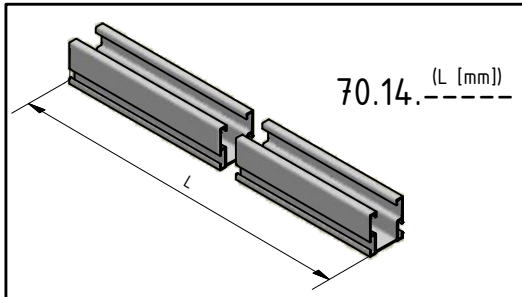
Detail I





Keep at least 3 mm clearance





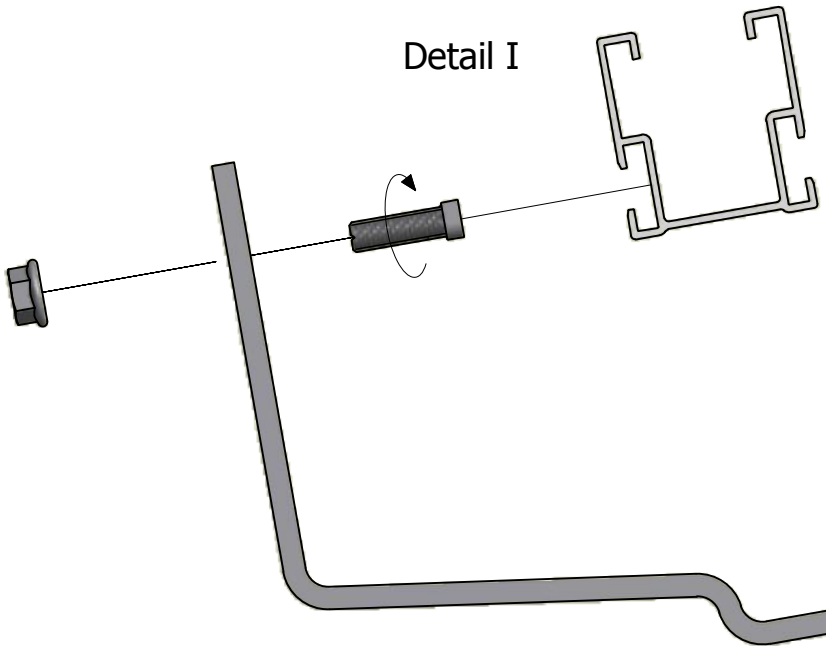
M8x25 77.42.25

M8 77.40.06

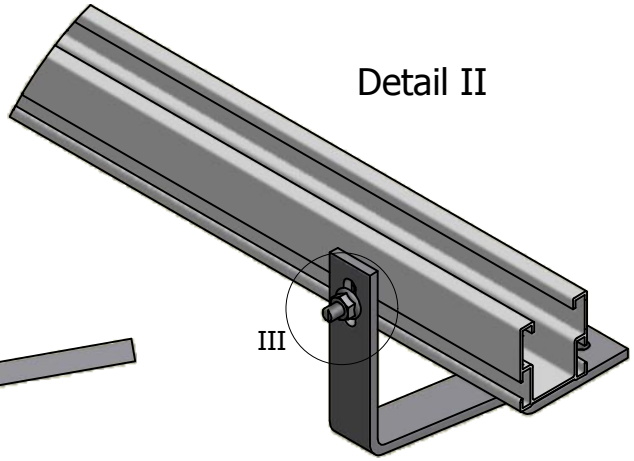
Mounting side profile

VAN DER VALK SOLAR SYSTEMS

Detail I

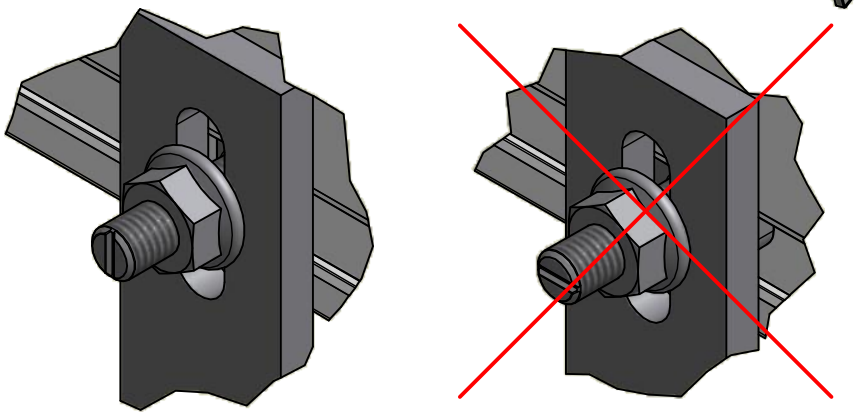


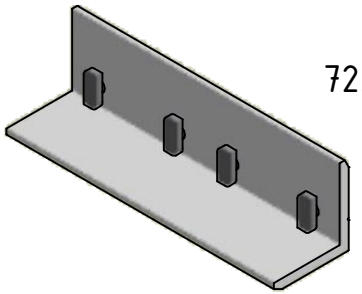
Detail II



The groove of the bolt corresponds with the orientation of the bolt head.

Detail III



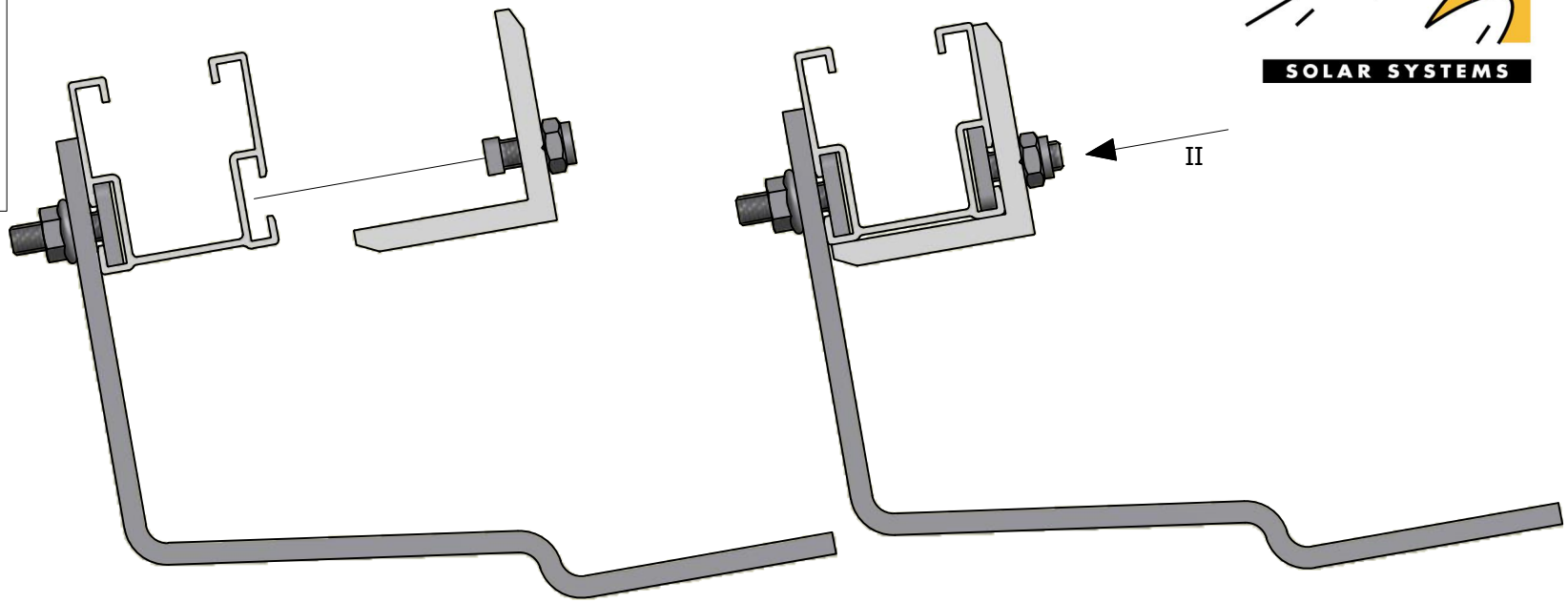


72.48.60

Mounting coupling side profile

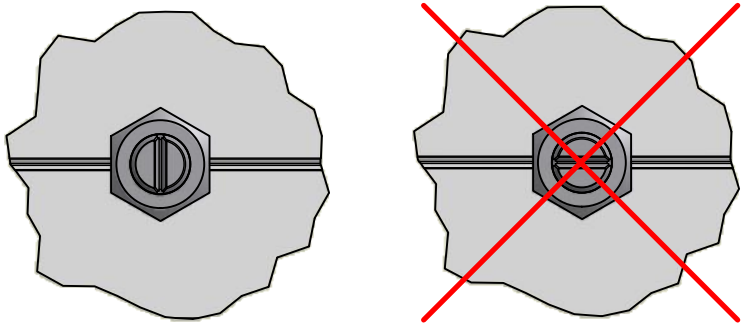
VAN DER VALK SOLAR SYSTEMS

Detail I



The groove of the bolt corresponds with the orientation of the bolt head.

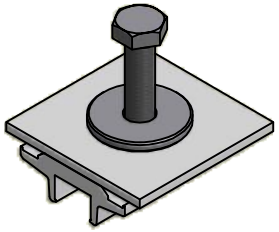
Detail II



Mounting optional products

VAN DER VALK SOLAR SYSTEMS

Optional:



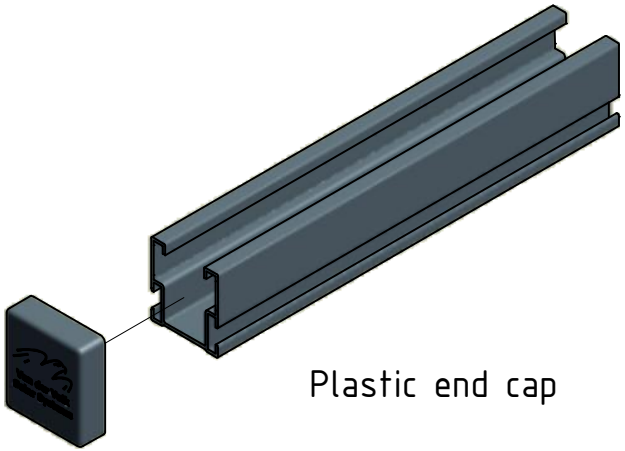
77.42.23

Optional:

73.30.20

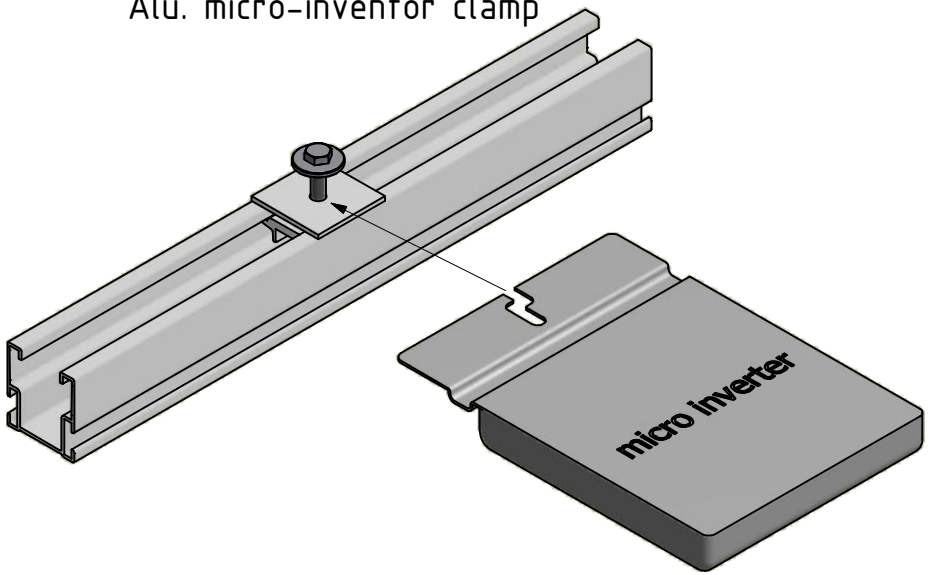
Optional:

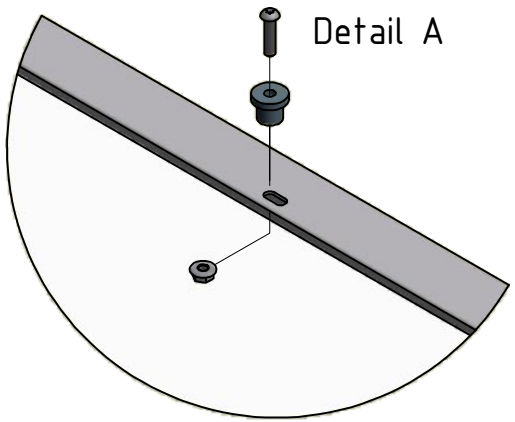
73.90.50



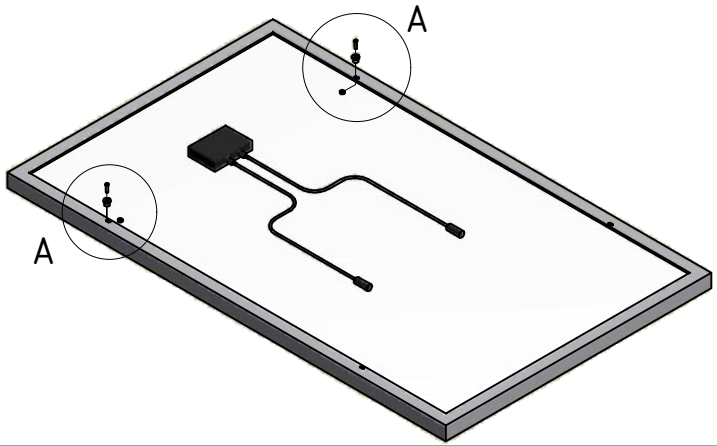
Plastic end cap

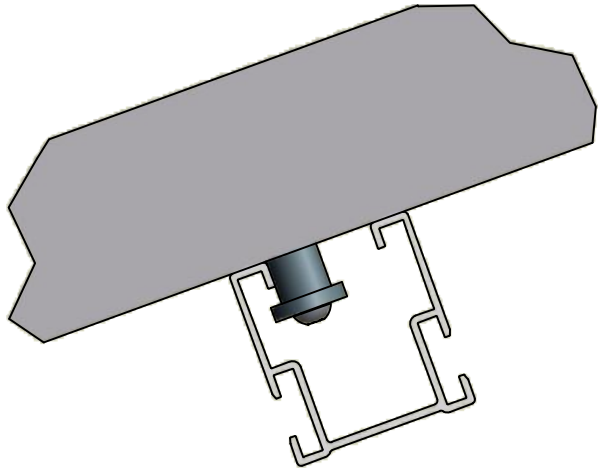
Alu. micro-inventor clamp





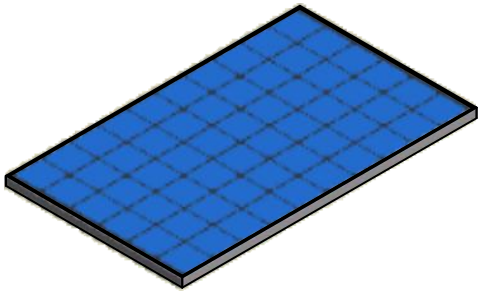
Plastic panel alignment pin

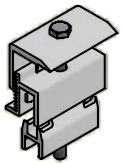




Mounting panels

VAN DER VALK SOLAR SYSTEMS





72.15.51

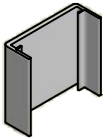
Optional:

(panel height [mm])

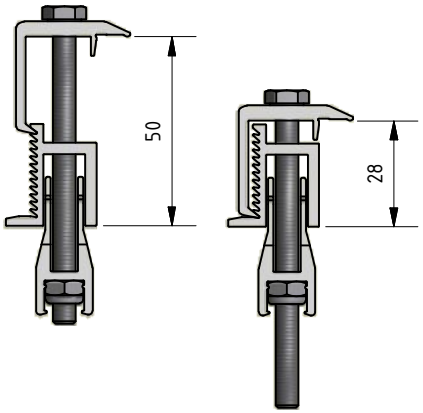
72.15.55.---

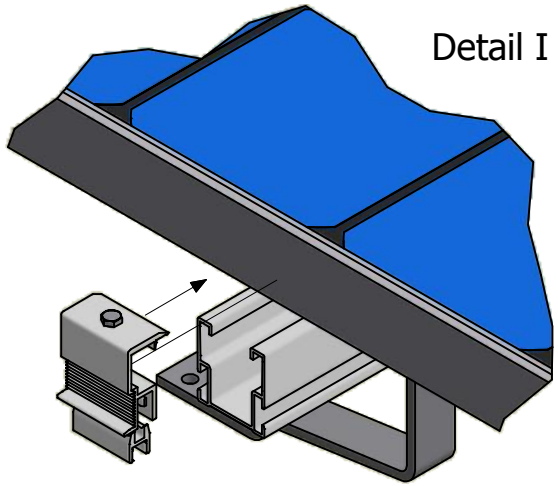
72.15.55

(panel height [mm])

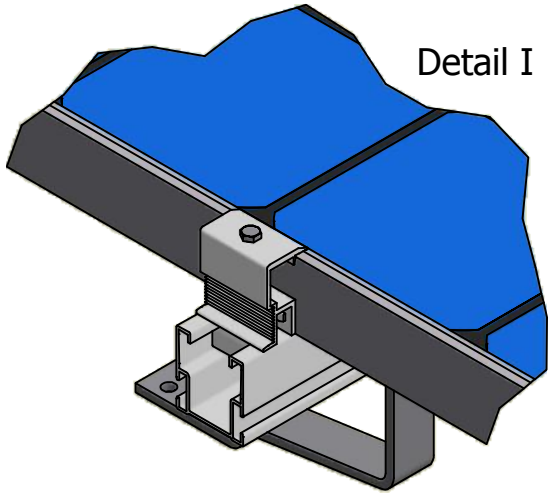


72.15.95.---

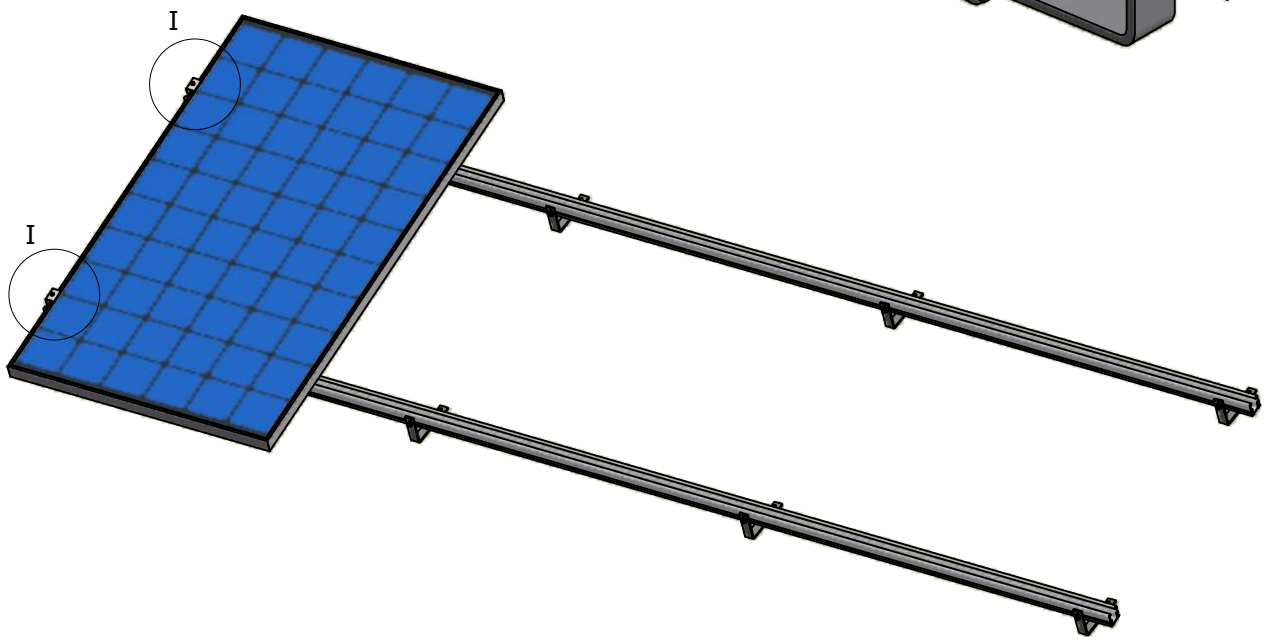




Detail I

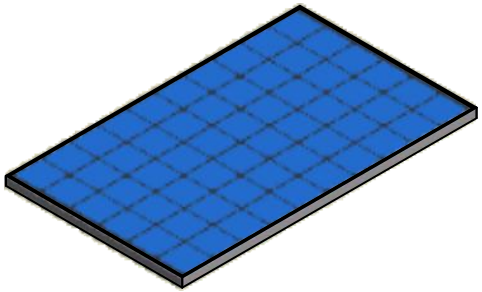


Detail I



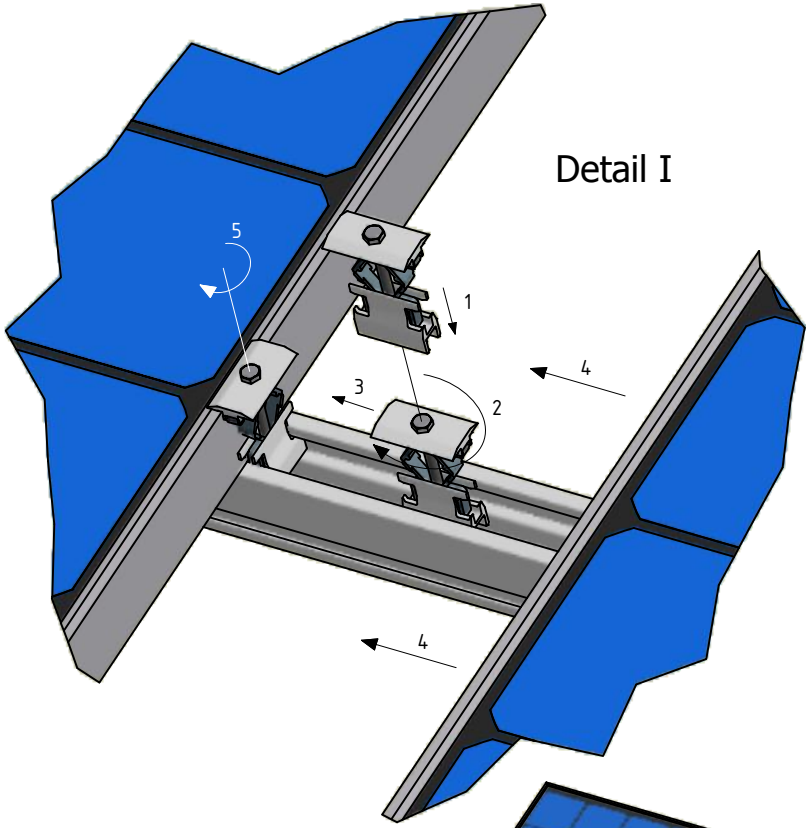
Mounting panels

VAN DER VALK SOLAR SYSTEMS

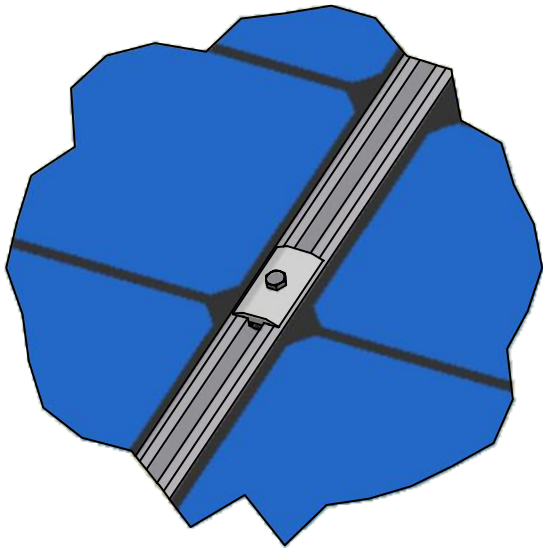


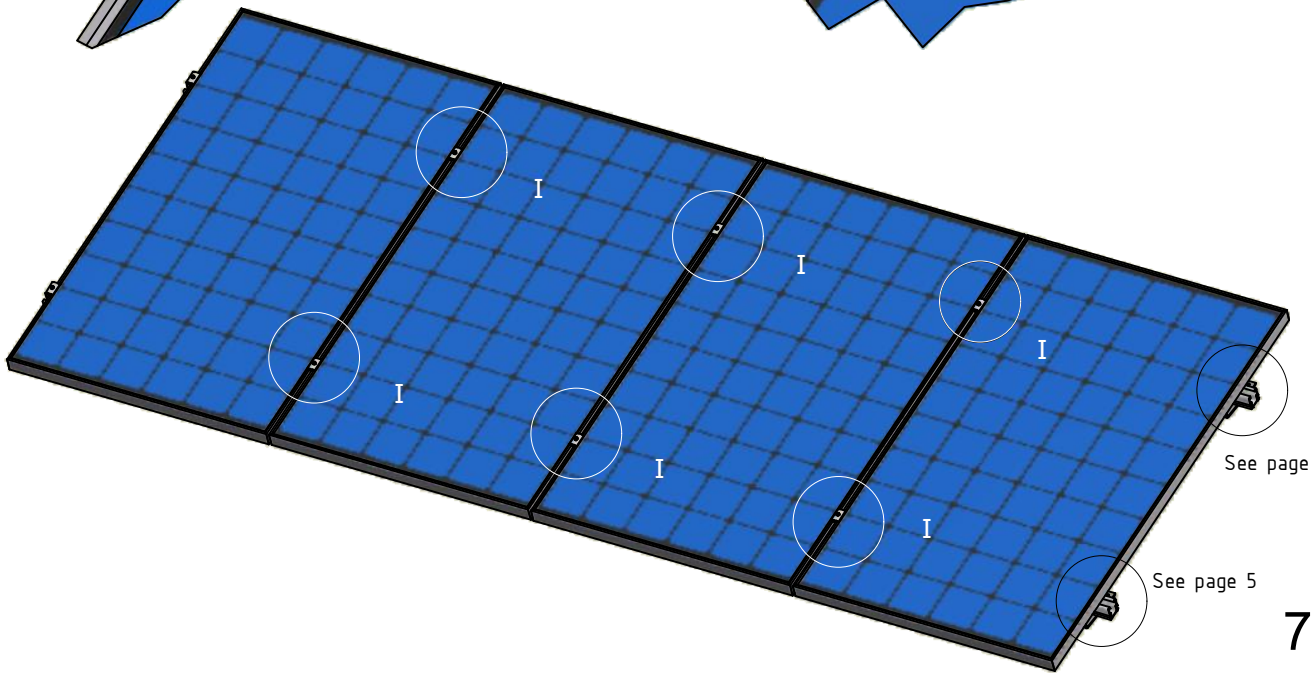
72.15.55

Detail I



Detail I



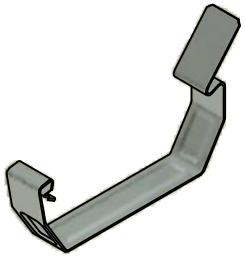


See page 5

See page 5

optional

73.20.01
max. cable
diameter Ø9 mm

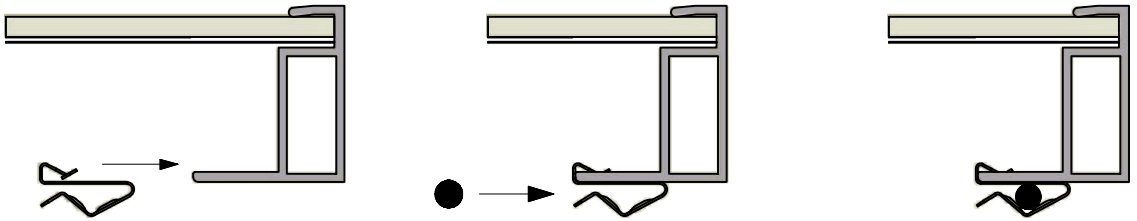


73.20.05
max. cable
diameter Ø9 mm

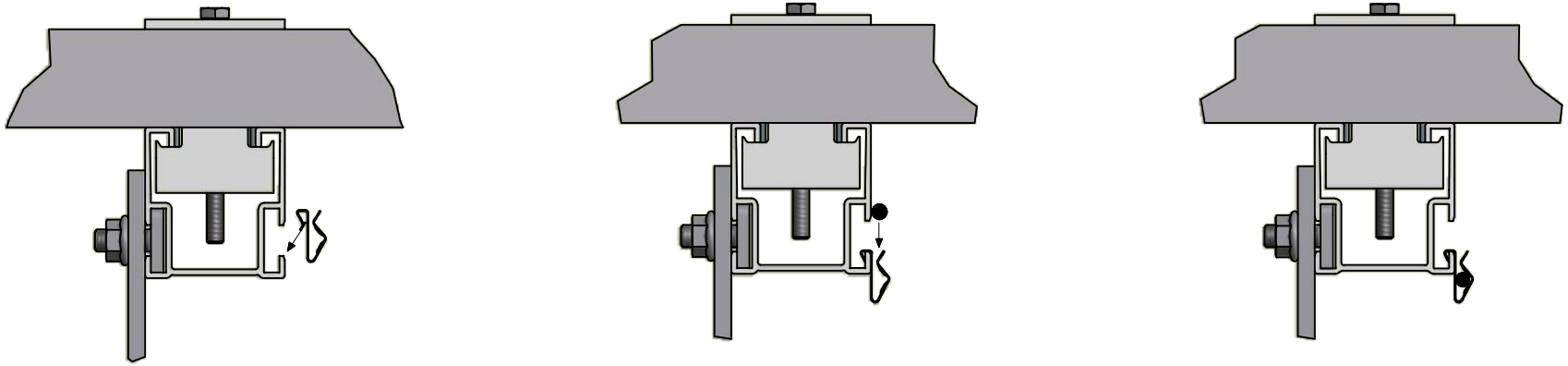
Mounting cable clamp

VAN DER VALK SOLAR SYSTEMS

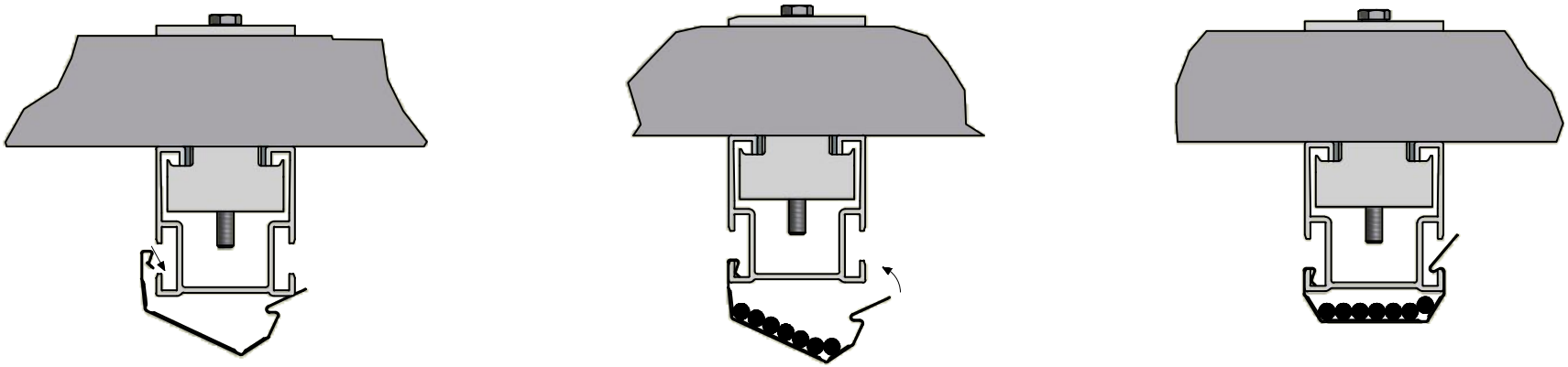
Mounting cable clamp on panel.



Mounting cable clamp on sideprofile.



Mounting cable clamp on sideprofile.



Van der Valk Solar Systems

Van der Valk Solar Systems is a specialist company that is fully focused on developing and producing mounting systems for use with solar panels. To this end we work in close collaboration with Van der Valk Systemen, our sister company.

Van der Valk Systemen has been a well-known name in the field of moving systems and stationary components for the greenhouse horticultural sector and industry throughout the world since 1963. Van der Valk Systemen's high quality products have been individually developed from a scientific approach and produced with mathematical precision. They are made to be low-maintenance and to stand out thanks to their durability, reliability, functionality and ease of assembly.

Both Van der Valk Systemen and Van der Valk Solar Systems only introduce innovative products to the market. Our shared business complex consists of 20,000 m2 of offices and production facilities, in which modern machinery and the latest technologies facilitate development, manufacturing and testing that is fast, flexible and precise.

We develope and produce solar mounting systems for:

Open fields Pitched roofs Flat roofs Greenhouses Water features

PLEASE CONTACT VAN DER VALK SOLAR SYSTEMS , YOUR INSTALLATION COMPANY OR PROJECT ORGANISATION FOR FULL INFORMATION.